

Lesson Plan

This lesson plan is designed to help you teach using a Common Craft video. Use the information below to introduce the video and then follow the video with discussion questions and other resources.



commoncraft.com/video/urls-web-addresses

ISTE Standard:

Empowered Learner 1d

ACRL Info Literacy Frame:

Information creation as a process

URLs and Web Addresses

Explained by Common Craft

URLs, or web addresses, are fundamental parts of using the web. By understanding what a URL does and how it's organized, we can learn about how the web is linked together and how web pages are displayed.

Learning Outcomes

- Explain what a URL is and how it works
- Describe the individual parts of a URL such as the protocol, subdomain, domain name, file path, and anchor and their purpose
- Explain how a URL can represent how a server is organized.

Discussion Questions

Q #1

How are the parts of a URL similar to or different from the parts of a postal address?.

Q #3

What types of top level domains (.com, .edu, .jp, etc) have you seen in URLs? Explain how these top level domains inform you of a website's purpose, location, or affiliation.

Q #4

How could you use a URL to determine whether a website that asks for your personal information is from a trustworthy institution (e.g. a bank)?

Knowledge Check Q&A

Q

What is a URL?

A

URL stands for Universal Resource Locator, which is the address of a website. It tells your web browser the location of a page or file on a server.

Q

What is the difference between http and https?

A

Http is for webpages while https is for secure webpages.

Q

Multiple choice. In which order do the following components of a URL appear? A) subdomain, domain name, file path B) domain name, subdomain, file path C) subdomain, file path, domain name D) domain name, file path, subdomain

A

True.

Q

What is an anchor?

A

An anchor is the part of the URL that can be found after a question mark and includes a hash symbol. It tells the browser to go to a specific part of a page. ?

Resources for Learning More

GCFGlobal

Understanding URLs

<https://edu.gcfglobal.org/en/internet-tips/understanding-urls/1/>

Oregon TECH Libraries

Understanding the parts of an Internet address

<https://www.oit.edu/libraries/help/internet-guides/understanding-parts-of-internet-address>

Lifewire, Paul Gil

Paul Gill, What is a domain name? November 18, 2018

<https://www.lifewire.com/what-is-a-domain-name-2483189>

FRAUD Help Desk.org

Reading a URL is not as easy as it looks

<https://www.fraudhelpdesk.org/fake-urls/>

Entrepreneur.com

Tony Messer, HTTP vs HTTPS: What's the difference and why should you care? September 2016

<https://www.entrepreneur.com/article/281633>